



Serial No.: 09/295,431

Inventors: Yoshimura et al.

Examining Attorney: Michael P. Mooney

Attorney Docket No.: 25916-118 (6136-53461)

Confirmation No.: 7173

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Yoshimura et al.

For: **MULTI-LAYER OPTO-ELECTRONIC
SUBSTRATES WITH ELECTRICAL AND
OPTICAL INTERCONNECTIONS AND
METHODS FOR MAKING**

Serial No.: 09/295,431

Filed: April 20, 1999

Examining
Attorney: Michael P. Mooney

Attorney
Docket No.: 25916-118 (6136/53461)

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

RESPONSE TO OFFICE ACTION

In response to the Office Action mailed on April 19, 2002 on the above referenced application, applicant elects Group 1 (claims 1-18) without traverse.

Applicant requests the following amendments be entered prior to examination:

IN THE CLAIMS:

Please cancel claims 19-40.

Please replace Claims 1 and 4 with the following:

1. A substrate having optical and electrical interconnection, comprising:
 - a first layer having a first polymeric waveguide formed therein;
 - a second layer having a second polymeric waveguide formed therein;